

SEQ ID NO:1

I/L-I/L/P-pT-P-<KR>₄

SEQ ID NO:2

S/T-P-X-K/R

SEQ ID NO:3

Sc Skp 1

mvtsnvvlvvs gegerftvdk kiaerslllk nylndmhdsn lqnnsdsesd sdsetnhksk
dnnngdddde dddeivmpvp nvrssvlqkv iewaehhrds nfpdedddds rksapvdsd
reflkvdqem lyeiilaany lnikplldag ckvvaemirg rspeeirrtf nivndftpee
eaairrenew aedr

SEQ ID NO:4

Sp Pahl

mskiklissd neefvvdqli aersmliknm ledvgeinvp iplpnvssnv lrkvlewceh
hkndlysgte eesdirlkks tddidewdrkf mavdqemlfe ivlasnyldi kplldtgckt
vanmirgksp edirktfnip ndftpeeeeq irkenewaed r

SEQ ID NO:5

Ce SKR1

akereikissdneiflvprnvirlsntintlmdlglddeegtnaepipvqnvtsi lkkviswcnhhhsd
pistedsdnrekrtddigswdveflkvdqgtlfeliaany
ldikglldvctktvanmikgkspeeirrtfnikndftpeeeeqirkenawced

SEQ ID NO:6

Dm Skp1A

mpsiklqssd eeifdtidiqi akcsgtiktm ledcgmedde naivplpnvn stilrkvlw
ahyhkddppp teddeskekr tddiiswdad flkvdqgtlf elilaanyld ikglleltck
tvanmikgkt peeirktfni kkdfspaeer qvrkenewce ek

SEQ ID NO:7

Hs Skp1A

mpsiklqssd geifevdvei akqsvtiktm ledlgmddeg dddpvplpvn naailkkviq
wcthhkddpp ppeddenkek rtddipvwdq eflkvdqgtl felilaanyl dikglldvte
ktvanmikgk tpeeirktfn ikndfteeee aqvrkenqwc eek

SEQ ID NO:8

Sc Cdc4

l krdlitslpf eislkifnyl qfediinslg
vsqnwnkiir kstslwkkll isenfvs pkg fnslnklslq kypklsqqdr lrlsflenif
ilknwynpkf vpqrattlrg mtsvitclqf ednyvitgad dkmirvydsi nkkfllqlsg
hdggvwalky ahggilvsgs tdrtrvwdi kkgccthvfk ghnstvrcl d iveyknikiy
vtgsrdntlh vwklpkessv pdhgeehdyp lvfhtpeenp yfvgvlrghm asvrtvsghg
nivvsgsydn tlvwdvaqm kolyilsght driystiydh erkrcisasm dttiriwdle
niwnngecsy atnsaspcak ilgamytlqg htalvgllrl sdkflvsaaa dgsirgwdan
dysrkfsyhh tnlsaittfy vsdnilvsgs enqfniynlr sgklvhanil kdadqiwsvn
fkgktlvaav ekdgqsfl ei ldfs

SEQ ID NO:9

Sp Pop1

fqknf
ltgfpaetitn lvlthldaps lcavsqvshh wyklyssnee lwkslflkdg ffwdsidski
rtmclegsls acaimkrvyf rhfnlrerwl hapekikrcs fpihgvrilit klqfdddki
vstcsprini ydtktgvlir sleehegdvw tfeyvgdtlv tgstdrtvrv wdlrtgeckq
vfyghtstir cikivqgnqs ttdtdveke nrpasndans mppyiissr dactirlwslp
clddppfvnv nenpdqnnf tsattnpfyi rtlrghtdsv revaclgdli vsasydgtlr
vwkastgvcl hvlrghvgrv ysvtinpsrq qcisagtdak iriwnlesge llqtlhghsn
lvsqvtfnqn ilvsasappd tslrvwdlnt gscrdilkcp lghiffqhde skvvsgshst
lqlwdirsgk lvrldltdld iivqvaynen vcvaavlrnn rfwievlefg

SEQ ID NO:10

Ce SEL10

fq
rdflscplve lgmkilhnlt gydllkvaqv sknwklisei dkiwkslgve efkhhpdptd
rvtgawqgta iaagvtipdh iqpcdlnvhr flklqkfgdi feraadksry lradkieknw
nanpingsav lrghedhvit cmqihddvlv tgsddntlkv wcidkgevmy tlvghtggvw
tsqisqcgrv ivsgstdrtv kvwstvdgsl lhtlqghtst vrcmamagsi lvtgsrdttl
rvwdvesgrh latlhghhaa vrcvqfdgtt vvsagydfv kiwnahtgrc irtltghnrr
vysllfesser sivcsgsldt sirvwdfrp eggecvallq ghtsltsgmq lrgnilvscn
adshvrwdi hegtcvhmls ghraitslq wfgrnmvats sddgtvklwd iergalirdl
vtldsgngg ciwrlcstst mlacavgsrn nteetkvill dfd

SEQ ID NO:11

Dm AGO

fqrdfisllprela

lfvlsylepk dllraaqter swrflcddnl lwkekerkaq ilaeprsdrrp krgrdgnmpp
 iaspwkaaym rghiiemnr srpvrkpkvl kghddhvitc lqfsgnrivs gsddntlkvw
 savngkclrt lvghtggvws sqmsgniiis gstdrtlkvw dmdsgacvht lqghtstvr
 mhlhgskvvs gsrdatlrwv dieqgsclhv lvghlaavrc vqydgklivs gaydymvkiw
 hperqecclht lqghtnrivs lqfdglhvvs gsldtsirvw dvetgnckht lmghqslts
 melrqnilvs gnadstvkvw dttgqclqt lsgpnkhhsa vtclqfnsrf vvtssddgtv
 klwdvktgdf irnlvaldsg gsggvvwrir andtklicav gsrngteetk lmvldfd

SEQ ID NO:12

Hs Fbw7

fqrdfisllpkelal yvlsflepkd llqaaqtcry wrilaednll

wrekckeegi deplhikrrk vikpgfihsp wksayirqhr idtnwrrgel kspkvlkghd
 dhvitclqfc gnrivsgsdd ntlkvwsavt gkclrtlvgh tggvwssqmr dniiisgstd
 rtlkvwnaet gecihtlygh tstvrclmhlh ekrvsvgsrd atlrwvdiat gqclhvlmgh
 vaavrcvqyd grrvsvgayd fmvkvwdpet etclhtlqgh tnrvyslqfd gihvsvgsld
 tsirvwdvet gncihtltgh qsltsgmek dniltvsgnad stvkiwdikt gqclqtlqgp
 nkhqsavtcl qfnknfvits sddgtvklwd lktgefirnl vtlesggsgg vvwrrasnt
 klvcavgsrn gteetkllvl dfd

SEQ ID NO:13

Ce Lin23

lq rdfisnlpah lvelilfnvn sdsksceev stswrcalar

gqhwkkliek nvrdsdlwwg lsekrqwdkf lnisrdmsvr ricekfnydv nikrdkldql
 ilmhfvyfyskl ypkiiirdih idnnwkrgny kmtrincqse nskgvyclqy dddkivsglr
 dntikiwdrk dyscsrlisg htgsvlclqy dnrviisgss datvrwvde tgeciktlih
 hceavhlhrlf angimvtcsk drsiavwdmv sprditirrv lvghraavnv vdfddryivs
 asgdrtikvw smdtlefvt laghrriac lqyrgrlvvs gssdntirlw dihsqvcrlv
 legheelvrc irfdekrivs gaydgkikvw dlqaaldpra lsseiclcsl vqhtgrvfrl
 qfddfqivss shddtiliwd fl

SEQ ID NO:14

Dm Slimb

lqrdfitllpikgldhi aenilsylda eslkssselvc

kewlrviseg mlwkklierk vrtdslwrgl aerrnwmqyl fkprpgqtqr phsfhrelfp
 kimndidsie nnwrtgrhml rrincrsens kgvyclqydd gkivsglrdn tikiwdrtld
 qcvktlmght gsvlclqydd kviisgssds tvrvwdvntg emvntlihhe eavhlhrlfnn
 gmmvtsckdr siavwdmtsp seitrllrvlv ghraavnvvd fdekyivsas gdrtikvwst
 sscefvrtnl ghkrgiacldq yrdrllvsgs sdnsirlwldi ecgaclrvle gheelvrcir 421
 fdtkrivsga ydgkikvwdl vaaldpraas ntlclntlve htgrvfrlqf defqivsssh 481
 ddtiliwdfl

SEQ ID NO:15

Hs β TrCP1

lqrdf

italpargld hiaenilsyl dakslcaael vckewyrvts dgmlwkklie rmvrtdslwr
 glaerrgwqg ylfknkppdg nappnsfyra lypkiiqdie tiesnwrcgr hslqrihcrs
 etskgvyclq yddqkivsgl rdntikiwdk ntleckrilt ghtgsvlclq yderviitgs
 sdstvrwv dv ntgemlntli hhceavlhrl fnngmmvtcs kdrsiavwdm asptditlrr
 vlvghraavn vvdffdkyiv sasgdrtikv wntstcefvr tlnghkrgia clqyrdrllv
 sgssdntirl wdiecgacrl vlegheelvr cirfdnkriv sgaydgkikv wdlvaaldpr
 apagtlclrt lvehsgrvfr lqfdefqivs sshddtiliwdfl

SEQ ID NO:16

Sc Met 30

ik

idfisilpge lslkilsyld cqslcnatr crkwqkladd drvwyhmceq hidrkcpcncg
 wglpllhmkr ariqqnstgs ssnadiqtqt trpwkviyre rfkvesnwrk ghcriqefkg
 hmdgvltlqf nyrltftgsy dstigiwdlf tgklirrlsg hsdgvktlyf ddrklitgsl
 dktirvwnyi tgecistyrh hsdsvlsvds yqkvivsgsa dktvkvwhve srtcytlrgh
 tewvncvklh pksfscfscs ddtfirmwdi rtncslkvfr ghvgqvqkii pltikdvenl
 atdntsdgss pqddptmtdg adesdtpsne qetvldenip ypthllscgl dntiklwdvk
 tgkcirtqfg hvegvdiaa dnfriisgsh dgsikvwdlq sgkcmhtfng rrlqretqht
 qtqslgdkva piacvcigds ecfsgdefgc vkmykfd

SEQ ID NO:17

P39014 MT30_YEAST

mrrerqrmms fedkdkddld nsnsnnssem tdtammpplk rllitgssdd laqgssgkkk
 mtmatrspss spdlatndsg trvqplpeyn ftkfcyrhnp diqfspthta cykqdlkrtq
 einaniaklp lqeqsdihhi iskysnsndk irklildgil stscfpqlsy isslvthmik
 idfisilpge lslkilsyld cqslcnatr crkwqkladd drvwyhmceq hidrkcpcncg
 wglpllhmkr ariqqnstgs ssnadiqtqt trpwkviyre rfkvesnwrk ghcriqefkg
 hmdgvltlqf nyrltftgsy dstigiwdlf tgklirrlsg hsdgvktlyf ddrklitgsl
 dktirvwnyi tgecistyrh hsdsvlsvds yqkvivsgsa dktvkvwhve srtcytlrgh
 tewvncvklh pksfscfscs ddtfirmwdi rtncslkvfr ghvgqvqkii pltikdvenl
 atdntsdgss pqddptmtdg adesdtpsne qetvldenip ypthllscgl dntiklwdvk
 tgkcirtqfg hvegvdiaa dnfriisgsh dgsikvwdlq sgkcmhtfng rrlqretqht
 qtqslgdkva piacvcigds ecfsgdefgc vkmykfdlnd

SEQ ID NO:18

NP_033901 β TRCP

mdpaeavlqe kalkfmnsse redcnnggepp rkiipekns1 rqtynscarl cinqetvclt
 stamktencv akaklangts smivpkqrkl sasyekekel cvkyfeqwse sdqvefvehl
 isqmchyqhg hinsylkpml qrdfitalpa rgldhiaeni lsyldakslc aaelvckewy
 rvtsgdmlwk kliermvrt d slwrglaerr gwgyqlfknk pppenappns fyralypkii
 qdietiesnw rcgrhslqri hcrsetskgv yclqyddqki vsglrdntik iwdkstleck
 riltghtgsv lclqydervi itgssdstvr vwdvnageml ntlihhceav lhlrfnngmm
 vtcskdrsia vwdmasptdi tlrrvlvghr aavnvvdffd kyivsasgdr tikvwntstc

efvrtlnghk rgiaciqyrd rlvvsgssdn tirlwdiecg aclrvleghe elvrcirfdn
 krivsgaydg kikvwdlmaa ldprapagtl clrtlvahsg rvfirlqfdef qivssshddt
 iliwdflndp aahaeprrsp srtytyisr

SEQ ID NO:19

X²-X³-pThr-Pro-X⁴

SEQ ID NO:20

X²-X³-pThr-Pro-X⁴-X⁵-X⁶-X⁷

SEQ ID NO:21

-Leu/Gly/Tyr-Pro-pThr-Pro-

SEQ ID NO:22

S56245 (*Saccharomyces cerevisiae* cdc4)

mgsfplaefp lrdipvpysy rvsggiassg svtalvtaag thrnsstakt vetedgeedi
 deyqrkraag sgestpersd fkrvkhdnhk tlhpvnlgnt gaasvdndgl hnltidisnda
 eklmsvddg saapstlsvn mgvashnvaa pttvnaatit gsdvsnnvns atinnpmeeg
 alplsptass pgtttpltakt tktinnnnni adlieskdsi ispeylsdei fsainnnlph
 ayfknllfrl vanmdrsels dlgtlikdnl krdlitslpf eislkifnyl qfediinslg
 vsqnwnkiir kstslwkkll isenfvs pkg fnslnklslq kypklsqqdr lrlsflenif
 ilknwynpkf vpqrrttlrgh mtsvitclqf ednyvitgad dkmirvydsi nkkfllqlsg
 hdggvwalky ahggilvsgs tdrtrvrwdi kkgccthvfk ghnstvrcl d iveykniky
 vtgsrdntlh vwklpkessv pdhgeehdyp lvfhtpeenp yfvgvlrghm asvrtvsggh
 nivvsgsydn tlvwdvaqm kclyilsght driystiydh erkrcisasm dttiriwdle
 niwnngecsy atnsaspcak ilgamytlqg htalvgllrl sdkflvsaaa dgsirgwdan
 dysrkfsyhh tnlsaittfy vsdnilvsgs enqfniynlr sgklvhanil kdadqiwsvn
 fkgktlvaav ekdggsflel ldfskaskin yvsnpvnss sslesistsl gltrttiip

SEQ ID NO:23

CAA65538 (*Candida albicans* cdc4)

mpscddtass dtcdqsqvss tahlhsyrsn glveppskrr ltttnetsls sagattfqie
 spgsisaitt nnsttsagds nnsnsfsdqh srhprtpnam nspthtpisd ieedpiqqpl
 lpspsaspiq sdenehvtt pdsllgkanl dsienvmsne pttqselvdl vtklsgflse
 anqnhlvfkl lqkttrptls tfnnlinns krdilsnvpf evtmkilsyl dyktllsvaq
 vckkwfdiin npdtwikllk rdklitddav ikyelqypdq llrewstlpe insaqvlykk
 rkiivnrwmd pkfkphrisv sghgnkvvtc lqhddkvvt gvddkcisiy stqgtgqlmkv
 legheggvwa lkytgntltv gstdrtvrw nmktggqcthi frghtstirc ldiihpavig
 knqgdiediv peypllitgs rdhnhvwkl pvvddsdyi etfegefdnp yliavlsght
 qsvrsisgyg niiisgsyds tvrvwdlld ghcthlvlggh ldrvystaid fhsktcfsgs
 mdsninwnf etgelkkvlv ghaslvglld lvddvlvsaa adatlriwda ktgelrsklk
 ghgaaitcfe hdglrvvsgs ekmlklwnve kgtfardlls dvtggiwqvr fdykrcvaav
 qriinedege tfieildfsq pllq

SEQ ID NO:24

AAL07271 (human cdc4)

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mnqellsvgs krrrtggslr gnpsssqvde eqmnrsvvee qqqqlrqgee ehtarngevv
gveprpggqn dsqqgqleen nnrffisvded ssgnqeegee deehageqde edeeeeeemdq
esddfdqsdd ssredehtht nsvtnssssiv dlpvhlqssp fytkttkmkr kldhgsevrs
fslgkpkckv seytsttglv pcsatpttfg dlraangqqg qrrritsvqp ptglqewlkm
fqswsgpek1 laldelidsc eptqvkhmmq viepqfqrdf isllpkelal yvlsflepkd
llqaaqtcry wrilaednll wrekcceegi deplhikrrk vikpgfihsp wksayirqhr
idtnwrrgel kspkv1kghd dhvitclqfc gnrievgsdd ntlkvwsavt gkclrtlvgh
tggvwssqmr dniiisgstd rtlkvwnaet gecihtlygh tstvrcmhlh ekrvsvgsrd
atlrwvdiat ggclhvlmgh vaavrcvqyd grrvvsgayd fmvkvwdpet etclhtlqgh
tnrvyslqfd gihvvsgsld tsirvwdvet gncihtltgh qsltsgmelk dnilvsgnad
stvkiwdikt ggclqtlqgp nkhqsavtcl qfnknfvits sddgtvklwd lktgefirnl
vtlesggsgg vvwrrasnt klvcavgsrn gteetkllvl dfdvdmk

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SEQ ID NO:25

AAC47809 (sel-10)

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mwprndvhmd dgsmtpedge pvtndndmeyn dngeessysn gssssynadk lsssrplqhk
ldlsaspsrn ndlnprvehl ialfkdlssa eqmdaftrll qesnmtnirq lraiiaphfq
rdflsc1pve lgmkilhnlt gydllkvaqv sknwklisei dkiwkslgve efkhhpdptd
rvtgawqgta iaagvtipdh iqpcdlnvhr flklqkfgdi feraadksry lradkieknw
nanpimsav lrghedhvit cmqihddv1v tgsddntlkv wcidkgevmy tlvghtggvw
tsqisqcgr1 ivsgstdrtv kwstvdgsl lhtlqghtst vrcmamagsi lvtgsrdttl
rvwdvesgrh latlhghhaa vrcvqfdgtt vvs1gydftv kiwnahtgrc irtltghnnr
vysllfesor sivcs1gldt sirvwdftrp egqecvallq ghtsltsgm1q lrgnilvscn
adshvrwvdi hegtcvhmls gh1rsaitslq wfg1nmvats sddgtvklwd iergalirdl
vtldsggngg ciwrlcstst mlacavgsrn nteetkvill dfdavyp

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SEQ ID NO:26

AAK57547 (Homo sapiens F-box protein FBW7)

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mcvprsglil sciclycgvl lpvllpnlpf ltclsmstle svtylpekgl ycqrlpsr1t
hggteslk1gk ntenmgfygt lkmifyk1mkr kldhgsevrs fslgkpkckv seytsttglv
pcsatpttfg dlraangqqg qrrritsvqp ptglqewlkm fqswsgpek1 laldelidsc
eptqvkhmmq viepqfqrdf isllpkelal yvlsflepkd llqaaqtcry wrilaednll
wrekcceegi deplhikrrk vikpgfihsp wksayirqhr idtnwrrgel kspkv1kghd
dhvitclqfc gnrievgsdd ntlkvwsavt gkclrtlvgh tggvwssqmr dniiisgstd
rtlvkwnaet gecihtlygh tstvrcmhlh ekrvsvgsrd atlrwvdiat ggclhvlmgh
vaavrcvqyd grrvvsgayd fmvkvwdpet etclhtlqgh tnrvyslqfd gihvvsgsld
tsirvwdvet gncihtltgh qsltsgmelk dnilvsgnad stvkiwdikt ggclqtlqgp
nkhqsavtcl qfnknfvits sddgtvklwd lktgefirnl vtlesggsgg vvwrrasnt
klvcavgsrn gteetkllvl dfdvdmk

```

SEQ ID NO:27

AAG09623F (Homo sapiens F box protein FBX30)

```

mavgninelp enillelfth vparqlllnc rlvcs1wr1d idlvtlwkrk clregfited
wdqp1vadwki fyflrslhrn llhnpcaeeg fefwsldvng gdewkvedls rdqrkefpnd
qvrsqarlrv qvpavrsapv v1arasgdlp arpgdh1pae rcqvegg1ph ilqlparrpl

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hlvsarrgrh sllgrlvrpe ghqqqhhhra paaltpppep saep

SEQ ID NO:28

AAB38821 (*Saccharomyces cerevisiae* cdc53)

msetlprsdd leatwnfiep ginqilgnek nqastskrvy kilsptmyme vytaiynycv
nksrsshghfs tdsrtggsti lvgseiyecl knylknyiln fkqsnsetfl qfyvkrwkrf
tigaiflnha fdymnrywvq kersdgrhi fdvntlclmt wkevmdpsk dvlinellldg
vtlgregqii qrsnistaik slvalgidpq dlkklnlnvy iqvfekpflk ktqeyytqyt
ndylekhsvt eyifeaheii kreekamtiy wddhtkkpls malnkvlitd hieklenefv
vlllardiek itslyalirr dftliprmas vfenyvkktg eneissllam hkhnmknkn
anpkklalmt ahsllspkdyi klllevhdif skifnesfpd diplakaldn acgafinine
falpagspks atsktsemle kysdillkka tkpevasdms dediitify ltkdafeth
yrrlfakrli hgttsaede eniiqrlqaa nsmevtgkit kmfqdirlsk ileddfavai
knepdyskak ypdllqpfvla enmwpfsyqe vefklpkelv psheklkesy sqkhngrikl
wlwplcrgel kadigkpgrm pfnftvtlfq mailllynda dvltleniqe gtsltiqhia
aamvpfikfk liqqvppgld alvketqfk lsrypkalkt ninfasgvkn dilqslsggg
hdnhgnklgn krltederie kelnterqif leacivrimk akrnlphttl vneciaqshq
rfnakvsmvk raidsliqkg yllrgddges yayla

SEQ ID NO:29

AAC36304 (*Homo sapiens* cullin 3)

msnlskgtgs rkdtkmrira fpmtmdekyv nsiwdllkna iqeiqrknns glsfeelyrn
aytmvlhkhg eklytglrev vtehlknvr edvlnslenn flqtlngawn dhqtamvmir
dilmymdrvy vqqnnvenvy nlgliifrdq vvrygcirdh lrqtlldmia rerkgvdr
gairnacqml milglegrsv yeedfeapfl emsaefqme sqkflaensa svyikkvear
ineeiervmh cldksteepi kvverelis khmktiveme nsghvhlkn gktedlgcm
klfsrvpnl ktmcecmssy lrekgkalvs eegegknvd yiqglldlks rfdrrllesf
nndrlfkqti agdfeyflnl nsrspeylsl fiddklkkgv kgltegevet ildkamvlfr
fmqekdvfer yykqlharl ltnksvdds eknmisklkt ecgcqftskl egmfrdmsis
nttmdefrqh lqatgvsllg vdltrvltt gywptqsatp kcnippapr hafeifrrfyl
akhsgrqltl qhhmgsadln atfygpvke dgsevgvga qvtgsntrkh ilqvstfqmt
ilmlfnnrek ytfeciqtet diperelvra lqslacgkpt qrvltkepk keienghft
vndqftsklh rvkiqtvaak qgesdperke trqkvddrk heieaaivri mksrkkmqhn
vlvaevtqql karflpspvv ikkrieglre reylartped rkvytyva

SEQ ID NO:30

AAC51190 (*Homo sapiens* cullin 2)

mslkprvdf detwnklltt ikavvmleyv eratwndrfs diyalcvayp eplgerlyte
tkiflenhvr hlhkrvlese eqvlvmhry weeyskgady mdclrylst qfikknklte
adlqygyggv dmneplmeig elalmdwrkl mveplqaili rmlreiknd rggedpnqkv
ihgvinsfvh veqykklfpl kfyqeifesp fltetgeyyk qeasnlles ncsqymekvl
grlkdeeiirc rkylhpssyt kvihecqgrm vadhlqflha echniirgek kndmanmyvl
lrvstglph miqelqnhih deglratsnl tqenmptlfv esvlevhgkf vqlintvlnq
dqhfmsaldk altsvvnyre pksvckapel lakycdnllk ksakgmtene vedrltsfit
vfkyiddkdv fqkfyarmia krlihglsms mdseeamink lkqacgyeft sklhrmytdm
svsadlnnkf nnfiknqdtv idlgisfqiyl vlqagawplt qapsstfaip qeleksvqmf
elfysqhfsq rkltlwhylc tgevkmmnylg kpyvamvttv qmavllafnn setvsykelq

dstqmnkel tktikslldv kminhdseke didaessfsl nmnfsskrtk fkittsmqkd
 tpqemeqtrs avdedrkmyl qaaivrimka rkvlrhnali qevisqsrar fnpsismikk
 cievlidkqy iersqasade ysyva

SEQ ID NO.31

NP_003581 (Homo sapiens cullin 3)

msnlskgtgs rkdtkmrira fpmtmdekyv nsiwdllkna iqeigrknns glsfeelyrn
 aytmvllhkhg eklytglrev vtehlkvr edvlnslnnn flqtlngawn dhqtamvmir
 dilmymdrvy vqgnnvenvy nlgliifrdq vvrygcirdh lrqtlldmia rerkgdevdr
 gairnacqml milglegrsv yeedfeapfl emsaeffqme sqkflaensa svyikkvear
 ineeiervmh cldksteepi kvvverelis khmktiveme nsghvhmlkn gktedlgcm
 klfsrvpngl ktmcecmssy lreaggkalvs eegegknpvd yiqglldlks rfdrrfllesf
 nndrlfkqti agdfeyflnl nsrspeylsl fiddklkkgv kglteqevet ildkamvlfr
 fmqekdvfer yykqhlarrl ltnksvsdds ekmisklkt ecgcqftskl egmfrdmsis
 nttmdefrqh lqatgvsllg vdltrvrltt gywptqsatp knippaprh afeifrrfyl
 akhsgrqltl qhhmgsadln atfygvpvke dgsevgvgga qvtgsntrkh ilqvstfqmt
 ilmlfnnrek ytfeeiqget diperelvro lqslacgkpt qrvltkepk keienghft
 vndqftsklh rvkiqtvaak qgesdperke trqkvddrk heieaaivri mksrkkmqhn
 vlvaevtqql karflpspvv ikkrieglre reylartped rkvytyva

SEQ ID NO:32

AAD23581/AF126404_1 (Homo sapiens cullin 2)

mslkprvdf detwnklitt ikavvmleyv eratwndrfs diyalcvayp eplgerlyte
 tkiflenhvr hlhkrvlese eqvlvmhry weeyskgady mdclryrlnt qfikknkte
 adlqygyggv dmneplmeig elalmdwrkl mveplqaili rmlleiknd rggedpnqkv
 ihgvinsfvh veqykkkfpl kfyqeifesp fltetgeyyk qeasnlles ncsqymekvl
 grlkdeeirc rkylhpssyt kvihecqrm vadhlqflha echniirtek kndmanmyvl
 lravstglph migelqnhih deglratsnl tgenmptlfv esvlevhgkf vqlintvng
 dqhfmsaldk altsvvnyre pksvckapel lakycdnllk ksakgmtene vedrltsfit
 vfkyyiddkv fqkfyarmal krlihglsms mdseeamink lkqacgyeft sklhrmytdm
 svsadlnnkf nrfiknqdtv idlgisfqi vlqagawplt qapsstfaip qeleksvqmf
 elfysqhfsg rkltwlhlyc tgevmnyl kpyvamvty qmavllafnn setvsykelq
 dstqmnkel tktikslldv kminhdseke didaessfsl nmnfsskrtk fkittsmqkd
 tpqemeqtrs avdedrkmyl qaaivrimka rkvlrhnali qevisqsrar fnpsismikk
 cievlidkqy iersqasade ysyva

SEQ ID NO. 33

CUL1_CAEEL (Caenorhabditis elegans cullin 1)

CDSEVVWKKL QDGLDVAYRR ENMAPKDYMT LYTSVYDYCT SITLSTSRD
 GEDGRAESST PARTAGADFV GHEMYQVEE YVKAYVIAVC EKGAEISGED
 LLKYTTTEWE NFRISSEKMD GIFAYLNRHW IRRELDEGHE NIYMYVTAL
 VVWKRNLFND LKDKVIDAML ELIRSEGTGS MINSRYISGV VECLVELGVD
 DSETDAKKDA ETKKLAVYKE FFEVKFLEAT RGFYTQEAAN FLSNGGNVTD
 YMIKVETRLN QEDDRCQLYL NSSTKTPLAT CCESVLISNQ LDFLQRHFGG
 LLVDKRDDL SRMFKLCDRV PNGLDELRS LENHIAKEGH QALERVAMEA
 ATDAKLYVKT LLEVHERYQS LVNRSFKNEP GFMQSLDKAA TSFINNNAVT
 KRAPPQAQLT KSAELLARYC DQLLRKSSKM PDEAELEELQ TKIMVVFYI
 DDKDVFSKFY TKMFSKRLIS ELSASDEAEA NFITKLKSMC GYEYARLSK
 MVNDTQVSKD LTADFKEKKA DMLGQKSVEF NVLVLSSGSW PTFPTTPITL

PQQLSKTIEI FGQFYNEKFN GRRLTWVYSQ SRGEITSTAF PKKYVFTATT
 AQMCTMLLFN EQDSYTVEQI AAATKMDEKS APAIVGSLIK NLVLKADTEL
 QKEDEVPMTA TVSLNKAYMN KKVVRVDLSKF TMKQDAVRDT ENVQKNVEED
 RKSVISACIV RIMKTRKRVQ HQQLMTEVIT QLSGRFKPKV EMIKRCIGSL
 IEKEYMLRTE GQKDLYEYLA

SEQ ID NO. 34

AAA85085 (*Drosophila melanogaster* cullin 1)

mnrsgnsqtt qklvnlddiw selvegimqv feheksltrs qymrfythyv dyctsvsaap
 sgrssgktgg aqlvgkklyd rleqflksyl selltkfkai sgeevllsry tkqwkxyqfs
 stvldgicny lnrnwvkrec eegqkgyki yrlalvawkg hlfqvlnepv tkavlksiee
 erqgklinrs lvrdiviecyv elsfneedtd aeqqklsvyk qnfenkfiad tsafyekesd
 aflstntvte ylkhvenrle eetqrrgfns knxlsylhet tadvlkstce evliekhki
 fhtefqnlfn adrnddlkrm yslvalsskn ltdlksilen hilhggteaai akccttdaan
 dpktyvqtil dvhkkynalv ltafnndngf vaaldkacgk finsnvtia nsaskspell
 akycdlillk ssknpedkel ednlngvmv fkyiedkdvf qkyyskmlak rlvnhtsas
 daeammiskl kqtcgyeytv klqrmfkdig vskdlnsyfk qylaeknlm eidfgievl
 sgswpfqlsn nllpseler svrqfnefy arhsggrklw lyqmckgeli mnvnrnsst
 ytlqastfqm svllqfndql sftvqqlqdn tqtqgenliq vlqillkakv ltssdnensl
 tpestvelfl dyknkkrin inqplktelk veqetvhkhi eedrklliga aivrimkmrk
 rlnhtnlise vlnqlstrfk pkvpvikkci diliekeyle rmeghkdtys yla

SEQ ID NO. 35

Q10452 SKP1_SCHPO (*Schizosaccharomyces pombe*)

mnhgkipvd pfriiketar dgstgevkql sytsskvvg gsfgvmmqv liesdskaa
 krvlqdkrfk nrelqimrim khpnivdlia yyyttgdnsd evylnlvlef mpetiyasr
 lytrqklsmpl mlevklyiyq llrslayiha sgichrdikp qnllldpeng ilklcdfgsa
 kilvagepvn syicsryyra pelifgatdy thaidiwtg cvmaelmlgh plfpgesgid
 qlveilikilg tpsreqiktm npnymehrpf qirpqpplsr fsrsvpldal dlslkmlqyt
 ptdrltaaea mchpffdelr dpntklhnsr npdasprhlp elfnfspfel sirpdlngkl
 ipshardalp vklddfvpip ihrarid

SEQ ID NO. 36

BAB62325 (*Schizosaccharomyces pombe*)

mskiklissd neefvvdqli aersmliknm ledvgeinv iplpnvssnv lrvlewceh
 hkndlysgte eesdirlkks tddidewdrkf mavdqemlfe ivlasnyldi kplldtgckt
 vanmirgksp edirktfnip ndftpeeeeq irkenewaed r

SEQ ID NO. 37

AAC49492 (*Saccharomyces cerevisiae*)

mvtsnvvls gegerftvdk kiaersllk nylnmhdns lqnsdsdsd sdsetnhksk
 dnnngdddde dddeivmpvp nvrssvlqkv iewaehhrs nfpdeddds rksapvdswd
 reflkvqgem lyeiilaany lnikplldag kvvaemirg rspeeirrtf nivndftpee
 eaairrenew aedr

SEQ ID NO. 38**AAB17500 (*Saccharomyces cerevisiae*)**

mvtsnvvlvvs gegerftvdk kiaerslllk nylndmhdsn lqnnsdsesd sdsetnhksk
dnnngdddde dddeivmpvp nvrssvlqkv iewaehhrs nfpdedddds rksapvdsd
reflkvdgem lyeiilaany lnikplldag ckvvaemirg rspeeirrtf nivndftpee
eaairrenew aedr

SEQ ID NO. 39

GGCGAACTG

SEQ ID NO. 40

GlyLeuLeupThrProProGlnSerGly

SEQ ID NO. 41

Leu-pThr-Pro-Pro

SEQ ID NO. 42

DpSGXXpS

SEQ ID NO. 43

Phe-Leu-Pro-pThr-Pro-Val-Leu-Glu-Asp